



# RLM Xtreme™ UV-C System Proven to Destroy 99.9% of SARS-CoV-2<sup>[1]</sup>

- **99.9% single-pass viral destruction** of airborne SARS-CoV-2 in less than one second.
- **Efficacy confirmed by independent BSL-3 laboratory** using ANSI/ASHRAE 185.1-2020 industry test standard.
- **Lab results confirmed “High level of inactivation efficacy was achieved by the In-Duct RLM Xtreme.”**<sup>[2]</sup>



RLM Xtreme UV-C System shown

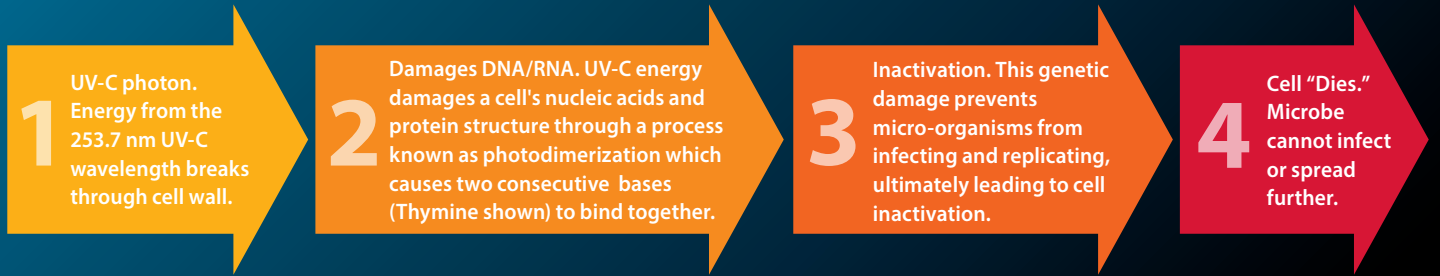
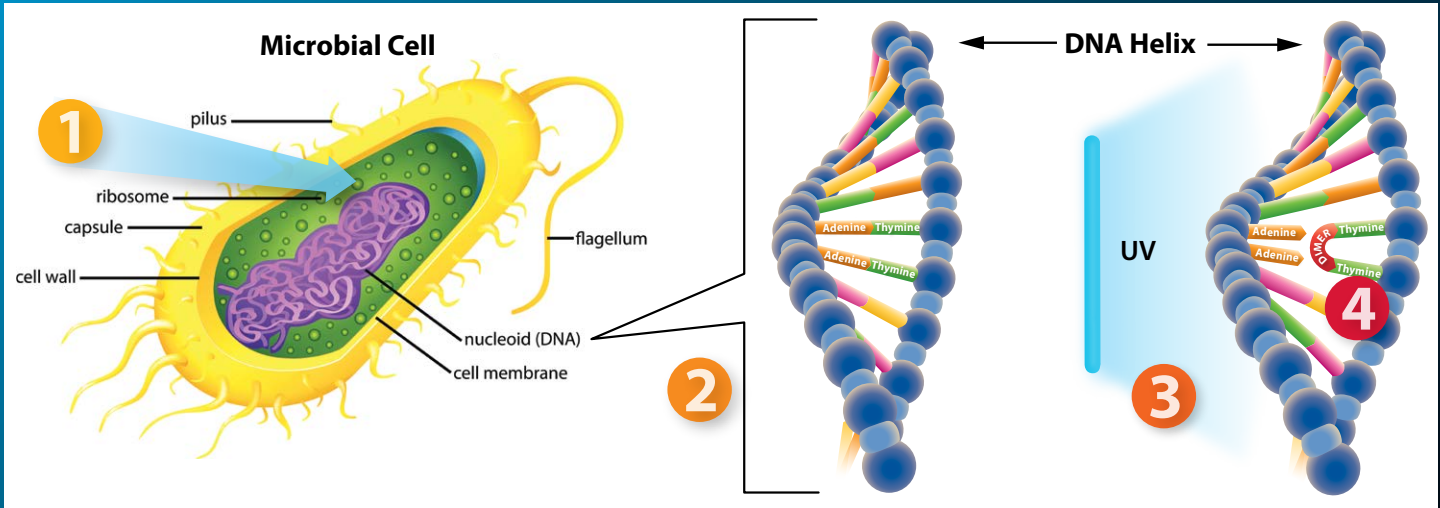
Our market-leading RLM Xtreme™ UV-C lamp system is one of the most effective germicidal HVAC solutions available today. <sup>[3]</sup>

**Independent, third-party testing has proven that the RLM Xtreme UV-C system:**

- Destroys infectious respiratory pathogens “On-the-Fly”
- Inactivates the SARS-COV-2 virus and prevents it from reproducing
- Meets or exceeds ASHRAE ETF Target Dose of  $1,500 \mu\text{W s/cm}^2$  ( $1,500 \mu\text{J/cm}^2$ ) <sup>[4]</sup>

Disinfect Your Air with the RLM Xtreme

# HOW UV-C (UVGI) DESTROYS PATHOGENS



UVResources.com

## A CENTURY OF PROVEN SCIENCE

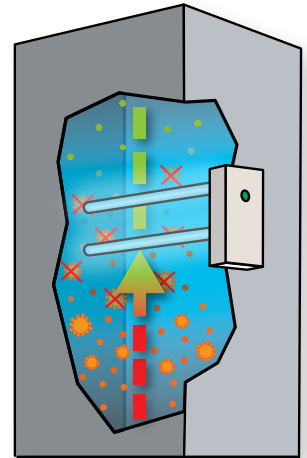
Since the 1930s, germicidal UV-C or UVGI technology has been proven to inactivate infectious diseases. Thousands of successful applications in hospitals, urgent care centers, schools and office buildings have demonstrated UVGI's ability to halt viruses, bacteria, and other disease-causing pathogens.

The U.S. Centers for Disease Control and Prevention (CDC) and the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) include UV-C as a recommended mitigation step to slow the spread of the SARS-CoV-2 virus.<sup>[5]</sup>

## LEADER IN UV-C DISINFECTION

Our founders pioneered the modern application of UV-C in HVAC systems nearly 25 years ago. We're experts in the specifying, modeling and selection of UV-C disinfection technology.

Let our team of UV disinfection specialists help you protect building occupants, boost HVAC efficiency, and provide cleaner, healthier air.



**DLX-N duct-mounted UV-C System shown**

### FOOTNOTES

1. All references to "disinfection" are generally referring to the UV-C germicidal inactivation of pathogenic biomass through the process of photodimerization and are not intended to refer to any specific definition by the U.S. FDA or the U.S. EPA. In general, the effectiveness of UV-C air disinfection is a function of time and intensity (e.g., how much time/duration a pathogen is exposed to the UV-C energy).
2. Innovative Bioanalysis Inc. Efficacy of UV Resources HVAC RLM Xtreme System Against Aerosolized SARS-CoV-2: USA-CA1/2020 Report dated 052521.
3. IBID. #2.
4. ASHRAE Epidemic Task Force. Filtration and Disinfection. Air Disinfection, Ultraviolet Energy. Retrieved from [https://www.ashrae.org/file\\_library/technical\\_resources/covid-19/ashrae-filtration\\_disinfection-c19-guidance.pdf](https://www.ashrae.org/file_library/technical_resources/covid-19/ashrae-filtration_disinfection-c19-guidance.pdf)
5. CDC 2021. Ventilation in Buildings. Retrieved from <https://www.cdc.gov/coronavirus/2019-ncov/community/ventilation.html>

REPRESENTED BY:



**The Leader in UV-C Disinfection and HVAC Efficiency**

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